Course Number	CS 290	Course Title	Communication Skills and Ethics for Computer Science
Semester Hours	3	Course Coordinator SP20	Rana Salameh

Catalog Description	Effective writing, reading, presentation and oral communication skills for computer science professionals. Evaluation and analysis of technical material. Communicating with stakeholders and team members. Professional ethics and responsibilities in society and industry. Legal and sustainability impact. Discussions and assignments utilizing technical materials and case studies pertaining to history, research, practice and ethics in the discipline.

Textbooks
SP20

No Books Required.

References

Hirsch, H. (2003). *Essential Communication Strategies: for Scientists, Engineers, and Technology Professionals.* Wiley.

Quinn, M. (2009). *Ethics for the Information Age*. 3rd Edition. Addison Wesley.

Course Learning Outcomes

- To gain skills for understanding and preparation of technical communication.
- To gain skills for interpersonal communication.
- Gaining knowledge in effective writing, reading, presentation and oral communication skills.
- Understanding professional ethics and legal issues.

Assessment of the Contribution to Student Outcomes
SP20

Outcome →	1	2	3	4	5	6
Assessed →			X	X		

Prerequisites by Topic

CS 201 or CS 202 or consent of the instructor

Major Topics Covered in the Course

Introduction {4 classes}
    Communication and its importance
    Understanding your audience
    Getting your point across
    Professionalism in computer science

Ethical Issues in Computing {14 classes}
    Legal, social and work issues
    Professional responsibilities
    Ethical concerns
    Case studies

Technical Writing {12 classes}
    Types of technical correspondence
    Preparation
    Research
    Organization
    Drafting, revising and editing

Professional Communication and Presentation {10 classes}

Total : 40 Hours